## ATTACHMENT A

- 1. (Currently amended): Catalyst components for the polymerization of polymerizing olefins comprising Mg, Ti, Cl, and OR groups, where R is a  $C_1$ - $C_{10}$  alkyl group optionally containing heteroatoms, or an ether having two or more ether groups, wherein a Mg/Ti weight ratio is lower than 3, a Cl/Ti weight ratio is from 1.5 to 6, an OR/Ti weight ratio is from 0.5 to 3.5 and at least 50% of the titanium atoms is in a valence state lower than 4.
- 2. (Currently amended): The catalyst components according to claim 1 in which the ether having at least two ether groups is selected from 1,3 diethers of [[the]] formula (I):

$$\begin{array}{c|c}
R^{II} & R^{III} \\
\hline
R^{I} & OR^{VI} \\
\hline
R^{IV} & R^{V}
\end{array}$$

wherein [[R]]  $\underline{R^0}$ ,  $R^I$ ,  $R^{II}$ ,  $R^{III}$ ,  $R^{IV}$  and  $R^V$ , equal to or different from each other, are hydrogen or hydrocarbon radicals having from 1 to 18 carbon atoms, and  $R^{VI}$  and  $R^{VII}$ , equal to or different from each other, are

hydrocarbon radicals having from 1 to 18 carbon atoms; one or more of the R R  $^{VII}$  groups  $R^0-R^{VII}$  can be linked to form a cycle.

- 3. (Previously presented): The catalyst components according to claim 2 in which  $R^{VI}$  and  $R^{VII}$  are selected from  $C_1$ - $C_4$  alkyl radicals.
- 4. (Currently amended): The catalyst components according to claim 2 in which the radicals  $R^{II}-R^V$  are hydrogen, the radicals  $R^{VI}$  and  $R^{VII}$  are  $C_1-C_4$  alkyl radicals, and the radicals [[R]]  $R^0$  and  $R^I$ , same equal to or different from each other, are  $C_1-C_{18}$  alkyl groups,  $C_3-C_{18}$  cycloalkyl groups,  $C_6-C_{18}$  aryl groups, or  $C_7-C_{18}$  alkylaryl or arylalkyl groups.
- 5. (Currently amended): The catalyst components according to claim 4 in which [[R]]  $\underline{R}^0$  and  $R^I$  are  $C_1$ - $C_{10}$  linear or branched alkyls.
- 6. (Previously presented): The catalyst components according to claim 1 in which the ether having at least two ether groups is a 1,2 diether.
- 7. (Previously presented): The catalyst component according to claim 1 in which the Mg/Ti weight ratio is lower than 2, the Cl/Ti weight ratio is from 2 to 5.5, and the OR/Ti weight ratio is from 0.7 to 3.
- 8. (Currently amended): The catalyst components according to claim 1 in which at least 60% of the titanium atoms is in a valence state lower than 4.

- 9. (Previously presented): The catalyst components according to claim 7 in which the Mg/Ti weight ratio is lower than 1.5, the Cl/Ti weight ratio is from 2.5 to 5, and the OR/Ti weight ratio is from 0.7 to 2.5.
- 10. (Currently amended): The catalyst components according to claim 8 in which at least 70% of the titanium atoms are is in a valence state lower than 4.
- 11. (Currently amended):  $\underline{A}$  catalyst for the polymerization of polymerizing olefins obtained by contacting (i) a catalyst component comprising Mg, Ti, Cl, and OR groups, where R is a  $C_1$ - $C_{10}$  alkyl group optionally containing heteroatoms, or an ether having two or more ether groups, wherein a Mg/Ti weight ratio is lower than 3, a Cl/Ti weight ratio is from 1.5 to 6, an OR/Ti weight ratio is from 0.5 to 3.5 and at least 50% of the titanium atoms are is in a valence state lower than 4, with (ii) an organoaluminum compound.
- 12. (Original): The catalyst according to claim 11 in which the organoaluminum compound is selected from trialkyl aluminum compounds.
- 13. (Previously presented): The catalyst according to claim 11 in which the organoaluminum compound is selected from mixtures of trialkylaluminum and alkylaluminum halides.
- 14. (Currently amended): The catalyst according to claim 13 in which the alkylaluminum halide is selected from diethylaluminum chloride, diisobutylalumunum

<u>diisobutylaluminum</u> chloride, Al-sesquichloride, and dimethylaluminum chloride.

15. (currently amended): A process for the (co)polymerization of (co)polymerizing olefins of formula (II)[[,]]

## CH<sub>2</sub>=CHR<sub>7</sub> CH<sub>2</sub>=CHR<sup>VIII</sup> (II)

where [[R]]  $\underline{R^{\text{VIII}}}$  is H or a  $C_1$ - $C_{12}$  hydrocarbon group, carried out in [[the]] presence of a catalyst for the polymerization of polymerizing olefins obtained by contacting (i) a catalyst component comprising Mg, Ti, Cl, and OR groups, where R is a  $C_1$ - $C_{10}$  alkyl group optionally containing heteroatoms, or an ether having two or more ether groups, wherein a Mg/Ti weight ratio is lower than 3, a Cl/Ti weight ratio is from 1.5 to 6, an OR/Ti weight ratio is from 0.5 to 3.5 and at least 50% of the titanium atoms is in a valence state lower than 4;[[,]] with (ii) an organoaluminum compound.

16. (Currently amended): The process according to claim 15 in which the olefins copolymerized are ethylene and one or more alpha-olefins having from 3 to 12 carbon atoms.